



Australian Notices to Mariners are the authority for correcting Australian Charts

# AUSTRALIAN NOTICES TO MARINERS

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Notices 784 - 817

Published fortnightly by the Australian Hydrographic Service

B. J. KAFER,  
Hydrographer of Australia

- SECTIONS.**
- I. **Australian Notices to Mariners, including blocks and notes.**
  - II. **Amendments to Admiralty List of Lights and Fog Signals, Vol K**
  - III. **Navigational Warnings.**
  - IV. **Hydrographic Reports.**
  - V. **Amendments to Admiralty List of Radio Signals (NP 281(2), 282, 283(2), 285, 286(4))**
  - VI. **Amendments to Admiralty Sailing Directions (NP 9, 13, 14, 15, 17, 33, 34, 35, 36, 39, 44, 51, 60, 61, 62, 100, 136)**

[British Admiralty Notices to Mariners](#)  
[New Zealand Notices to Mariners](#)

*The substance of these notices should be inserted on the charts affected.*

*Bearings are referred to the true compass and are reckoned clockwise from 000° (North) to 359°; those relating to lights are given as seen by an observer from seaward. Positions quoted in permanent notices relate to the horizontal datum for the chart(s). When preliminary or temporary notices affect multiple charts, positions will be provided in relation to only one horizontal datum and that datum will be specified. When the multiple charts do not have a common horizontal datum, mariners will be required to adjust the position(s) for those charts not on the specified datum. The range quoted for a light is its nominal range. Depths are with reference to the chart datum of each chart. Heights are above mean high water springs or mean higher high water, as appropriate.*

*The capital letter (P) or (T) after the number of any notice denotes a preliminary or temporary notice respectively, which are contained separately at the end of the permanent notices. A star (\*) adjacent to the number of a notice indicates that the notice is based on original information.*

**Mariners are particularly requested to notify the AUSTRALIAN HYDROGRAPHIC SERVICE, Locked Bag 8801 South Coast Mail Centre, NSW 2521 (Fax 02-4221 8599, e-mail [Hydro.NTM@defence.gov.au](mailto:Hydro.NTM@defence.gov.au) or, alternatively by filling in and submitting the [Hydrographic Notes](#) forms located on the web site – [www.hydro.gov.au](http://www.hydro.gov.au)), immediately on the discovery of new dangers or suspected dangers to navigation. For changes or defects in aids to navigation notify AusSAR (Fax 02-6230 6868 or email [rccaus@amsa.gov.au](mailto:rccaus@amsa.gov.au)).**

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## NUMERICAL INDEX OF CHARTS AFFECTED

Edition No 24

28 November 2003

Notices	Aus Chart
784.....	Aus 109, 114, 139, 311, 312, 376, 65000, 65001
785.....	Amendment to Annual Notice to Mariners No 13
786.....	Aus 125, 780, 781
787.....	Aus 204
788.....	Aus 238
789.....	Aus 242
790.....	Aus 825, 826
791.....	Aus 826
792.....	Aus 826
793.....	Aus 15, 716
794.....	Aus 308, 411, 720, 721, AX 70308
795.....	Aus 317, 4060, 4603, INT 60, 603
796.....	Aus 64, 743
797.....	Aus 81
798.....	Aus 105, 333, 334, 753, 754
799.....	Aus 117, AX 70117
800.....	Aus 780
801.....	Aus 356
802(T).....	Aus 220, 813, 814
803(T).....	Aus 236
804(T).....	Aus 237
805(T).....	Aus 235, 236
806(T).....	Aus 242
807(T).....	Aus 256, 257, AU420146, 5__257
808(P).....	Aus 374, 375, 833, 834, AU413143, 414143, 414144
809(T).....	Lights in Papua New Guinea
810(T).....	Aus 381, 382, 383, 568, 630, 4060, 4604, 4621, INT 60, 604, 621
811(T).....	Aus 26, 722
812(P).....	Aus 81, 751
813(T).....	Aus 81, 751
814(T).....	Aus 117, AX 70117
815(T).....	Aus 139, 781
816(T).....	Aus 168
817(T).....	Aus 154

**784 AUSTRALIA - Products.**  
AHS (A66651), UKHO 44/2003 (A67649).

**New Chart**

Chart	Published	Title	Scale	Folio	Index Chart	Price
Aus 139	3/10/2003	Australia - South Coast - Plans in South Australia (Sheet 2)		5	Aus 65001	\$25.65
		Plan:				
		Macdonnell Sound	1:50 000			
		34° 54' 00" S - 35° 11' 00" S				
		137° 43' 18" E - 137° 56' 24" E				
		Ardrossan Harbor Approaches	1:50 000			
		34° 20' 30" S - 34° 37' 30" S				
		137° 52' 00" E - 138° 04' 00" E				
		Ardrossan Harbor	1:12 500			
		34° 25' 17" S - 34° 26' 54" S				
		137° 54' 29" E - 137° 56' 25" E				
		Port Giles	1:7 500			
		35° 00' 52" S - 35° 01' 44" S				
		137° 45' 30" E - 137° 46' 39" E				
		Klein Point	1:5 000			
		34° 57' 29" S - 34° 57' 52" S				
		137° 46' 17" E - 137° 47' 04" E				
		<i>New metric chart replacing plans Edithburg to Klein Point on Aus 125 and Ardrossan Harbor on Aus 781, and providing improved coverage of the Ardrossan Harbor Approaches, Port Giles and Klein Point. Chart datums are referred to WGS 84 and LAT.</i>				
		<i>Note: the plans Edithburg to Klein Point on Aus 125 and Ardrossan Harbor on Aus 781 are cancelled on publication of Aus 139.</i>				

**New Chart to be published shortly**

Chart	Title	Scale
Aus 109	Australia - South Coast - Western Australia – Port of Albany	1:12 500
Aus 312	Australia - East Timor - Timor Sea - Dillon Shoal to East Timor	1:300 000

**New Edition to be published shortly**

Chart	Title	Scale
Aus 114	Australia - West Coast - Western Australia – Kwinana	1:12 500
Aus 311	Australia - East Timor - Timor Sea - Calder Shoal to Meatij Mirang	1:300 000
Aus 376	Australia - Papua New Guinea – Torres Strait	1:300 000

**New Edition miscellaneous chart to be published shortly**

Chart	Title
Aus 65000	Australian Index of Nautical Charts and Publications – Northern Portion 2004
Aus 65001	Australian Index of Nautical Charts and Publications – Southern Portion 2004

**Admiralty Publication**

NP No	Title	RRP(UK)	Date	Remarks
NP 60s	Supplement No 6 to Pacific Islands Pilot Volume 1 (Tenth Edition 1988)	£5.90	7/8/2003	Supplement No 5 2000 is hereby cancelled.

**785 AUSTRALIA – Product – Amendment to Annual Notice to Mariners No 13.**  
AHS (A68022).

Amend paragraph 19 to read:

**Joint Petroleum Development Area, Timor Sea**

19. The Joint Petroleum Development Area (formerly referred to as Area A of the Zone of Co-operation) was established by Australia and East Timor in the Timor Sea Treaty, which entered into force on 2 April 2003, for the purpose of developing the petroleum resources in that part of the Timor Sea.

**786 AUSTRALIA - Miscellaneous corrections.**  
AHS (A67663).

**Aus 125 [692/2003]**

Delete plan Edithburg to Klein Point

**Aus 780 [692/2003]**

Insert magenta limits, with legend Aus 139, in SE corner

North	34° 54'.10 S	
South	35° 11'.10 S	
East		137° 56'.46 E
West		137° 43'.36 E

Delete magenta limits with legend Aus 125 centred on 35° 02'.5 S 137° 49'.8 E

**Aus 781 [692/2003]**

Insert magenta limits, with legend Aus 139, in SE corner

North	34° 20'.59 S	
South	34° 37'.59 S	
East		138° 03'.92 E
West		137° 51'.92 E

Amend legend to 247.3° 34° 26'.0 S 137° 56'.3 E

Delete magenta limits with legend see Plan centred on 34° 26'.0 S 137° 55'.5 E  
plan Ardrossan Harbor

**787\* AUSTRALIA - NEW SOUTH WALES - Hawkesbury River – Overhead cable.**

Waterways (A66370).

**Aus 204 [623/2003]**

Insert power transmission line between 33° 32'.431 S 151° 11'.771 E  
33° 32'.095 S 151° 11'.873 E

**788\* AUSTRALIA - QUEENSLAND - Brisbane River - Harbour works.**

Maritime Safety Queensland (A54704).

**Aus 238 [713/2003]**

Insert [accompanying block](#) 27° 28'.3 S 153° 02'.3 E

**789\* AUSTRALIA - QUEENSLAND - Burnett River - Depth.**

AHS (A67630).

**Aus 242 (plan, Burnett River (Southern Section)) [683/2003]**

Delete depth 27 m 24° 50'.92 S 152° 21'.92 E

**790\* AUSTRALIA - QUEENSLAND - Bowen - Queens Bay - Contour; depths.**  
AHS (A67510).

**Aus 825 [593/2003]**

Amend contour N to enclose depth 2<sub>m</sub> 19° 58'.8 S 148° 15'.0 E

**Aus 826 [594/2003]**

Substitute depth, 2<sub>m</sub>, for depth 2<sub>1</sub> m and extend contour N to enclose 19° 58'.8 S 148° 15'.0 E  
depth, 3<sub>5</sub> m, for depth 3<sub>6</sub> m 20° 04'.3 S 148° 18'.2 E  
20° 04'.3 S 148° 20'.2 E  
depth, 9<sub>6</sub> m, for depth 9<sub>7</sub> m 19° 58'.5 S 148° 16'.0 E  
depth, 9<sub>m</sub>, for depth 9<sub>2</sub> m 19° 57'.9 S 148° 15'.5 E  
depth, 0<sub>5</sub> m, for depth 0<sub>6</sub> m 19° 58'.7 S 148° 15'.3 E  
depth, 2<sub>6</sub> m, for depth 2<sub>7</sub> m 19° 58'.3 S 148° 14'.4 E

**791\* AUSTRALIA - QUEENSLAND - Upstart Bay - Light buoy.**

Maritime Safety Queensland Notice 410/2003 (A67622).

**Aus 826 [790/2003]**

Insert west cardinal cylindrical light buoy, Q(9) 15s, with topmark 19° 43'.07 S 147° 45'.23 E  
danger line between 19° 42'.89 S 147° 45'.39 E  
19° 43'.07 S 147° 45'.28 E  
19° 43'.26 S 147° 45'.52 E

Delete rock awash and enclosing danger circle 19° 43'.1 S 147° 45'.1 E

**792\* AUSTRALIA - QUEENSLAND - Centipede Reef - Contours westward.**

AHS (A67682).

**Aus 826 [791/2003]**

Insert broken contour enclosing depth 46m 18° 44'.6 S 147° 25'.6 E  
broken contour enclosing depth 49m 18° 43'.6 S 147° 26'.5 E

**793\* AUSTRALIA - NORTHERN TERRITORY - Cadell Strait - Buoyage.**

MV Coral Bay (A67634 & A68018).

**Aus 15 (plan, Cadell Strait) [501/2002]**

Delete buoy 11° 55'.65 S 135° 50'.80 E  
11° 56'.40 S 135° 50'.15 E  
11° 57'.69 S 135° 50'.32 E  
11° 58'.35 S 135° 48'.02 E  
12° 01'.00 S 135° 41'.25 E  
12° 01'.86 S 135° 39'.10 E

**Aus 716 [486/2001]**

Delete buoy 11° 55'.65 S 135° 50'.80 E

**794\* AUSTRALIA - NORTHERN TERRITORY - Van Diemen Gulf - Renard Shoals - Depth.**  
HMAS *Leeuwin* (A68286)

**Aus 308** [NE 19/9/2003]

Substitute depth, 4<sub>3</sub> fm, enclosed by contour, for depth 7<sub>1</sub> fm 11° 40'.5 S 131° 27'.6 E

**Aus 411** [626/2003]

Insert depth, 4<sub>3</sub> fm, and extend contour SW to enclose 11° 40'.5 S 131° 27'.7 E

Delete depth 6fm 11° 40'.0 S 131° 28'.6 E

**Aus 720** [628/2003]

Substitute depth, 8<sub>2</sub> m, enclosed by contour, for depth 12<sub>2</sub> m 11° 40'.5 S 131° 27'.7 E

**Aus 721** [626/2003]

Substitute depth, 8<sub>2</sub> m, enclosed by contour, for depth 12<sub>2</sub> m 11° 40'.5 S 131° 27'.7 E

**AX 70308** [NC 16/5/2003]

Substitute depth, 4<sub>3</sub> fm, enclosed by contour, for depth 7<sub>1</sub> fm 11° 40'.5 S 131° 27'.6 E

**795 INDONESIA - Pulau Dao - Light.**

MV *Northwest Snipe* (A56998), Indonesian Notice 41/303-2003 (A67467).

**Aus 317** [648/2003]

Insert light, Fl. 10s 108m 24M 10° 48'.80 S 122° 39'.59 E

**Aus 4060 (INT 60)** [629/2003]

Insert light 10° 49'.0 S 122° 40'.0 E

**Aus 4603 (INT 603)** [749/2003]

Insert light 10° 48'.8 S 122° 39'.6 E

**796\* WESTERN AUSTRALIA - Airlie Island - Light buoy northwestwards.**

Former Notice - 775(P)/2003 is cancelled  
Vanguard Floating Production Australia P/L (A67738).

**Aus 64** [477/2002]

Insert lit mooring buoy, Fl. Y. 5s 21° 17'.50 S 115° 07'.50 E

**Aus 743** [368/2003]

Insert lit mooring buoy, Fl. Y. 5s 21° 17'.50 S 115° 07'.50 E

**797\* WESTERN AUSTRALIA - Geraldton - Fishing prohibited area.**

Geraldton Port Authority (A67747 & A67972).

**Aus 81** [341/2003]

Insert fishing prohibited boundary between  
28° 45'.471 S 114° 33'.931 E  
28° 45'.047 S 114° 30'.000 E  
28° 47'.225 S 114° 30'.000 E  
28° 45'.578 S 114° 33'.973 E

Note: chart Aus 751 will be amended by block correction.

**798\* WESTERN AUSTRALIA - Lancelin - Military exercise area.**  
 Commonwealth of Australia Gazette No GN 42, 22 October 2003 (A67753).

**Aus 105 [154/2002]**

Insert	black pecked line between	30° 56'.253 S	115° 17'.153 E
		30° 54'.670 S	115° 21'.887 E
		30° 52'.870 S	115° 21'.887 E
		30° 48'.820 S	115° 19'.337 E
		30° 48'.387 S	115° 18'.670 E
		30° 48'.387 S	115° 15'.287 E
		30° 48'.970 S	115° 14'.253 E
		30° 50'.103 S	115° 13'.837 E
		30° 50'.403 S	115° 13'.320 E
	magenta pecked line between	30° 50'.403 S	115° 13'.320 E
		30° 49'.353 S	115° 07'.710 E
	magenta pecked line between	31° 00'.903 S	115° 15'.003 E
		30° 56'.253 S	115° 17'.153 E
Substitute	<a href="#">accompanying note</a>	30° 52'.2 S	115° 23'.5 E
Delete	pecked line with legends Limits of Naval Exercise Area between	31° 00'.90 S	115° 15'.00 E
		30° 55'.00 S	115° 24'.00 E
		30° 47'.16 S	115° 18'.63 E
	pecked line between	30° 47'.16 S	115° 13'.29 E
		30° 49'.35 S	115° 07'.71 E

**Aus 333 [338/2002]**

Insert	black pecked line between	30° 56'.25 S	115° 17'.15 E
		30° 54'.67 S	115° 21'.89 E
		30° 52'.87 S	115° 21'.89 E
		30° 48'.82 S	115° 19'.34 E
		30° 48'.39 S	115° 18'.67 E
		30° 48'.39 S	115° 15'.29 E
		30° 48'.97 S	115° 14'.25 E
		30° 50'.10 S	115° 13'.84 E
		30° 50'.40 S	115° 13'.32 E
	magenta pecked line between	30° 50'.40 S	115° 13'.32 E
		30° 49'.35 S	115° 07'.70 E
		30° 54'.00 S	114° 56'.00 E
		31° 07'.50 S	115° 05'.00 E
		31° 00'.90 S	115° 15'.00 E
		30° 56'.25 S	115° 17'.15 E
	magenta legend <i>MILITARY EXERCISE AREA</i> (see Note), centred on	30° 30'.00 S	114° 00'.00 E
Move	legend <i>MILITARY EXERCISE AREA</i> (see Note) centred on to	31° 05'.00 S	115° 08'.00 E
		30° 58'.00 S	115° 07'.00 E
Substitute	<a href="#">accompanying note</a>	29° 14'.0 S	115° 22'.0 E

**Aus 334 [754/2003]**

Insert	magenta pecked line between	31° 01'.53 S	115° 01'.15 E
		31° 07'.43 S	115° 05'.08 E
		31° 01'.53 S	115° 14'.02 E
Substitute	<a href="#">accompanying note</a>	31° 23'.0 S	115° 55'.0 E

**Aus 753 [71/2002]**

Insert	black pecked line between	30° 56'.25 S	115° 17'.15 E
		30° 54'.67 S	115° 21'.89 E
		30° 52'.87 S	115° 21'.89 E
		30° 48'.82 S	115° 19'.34 E
		30° 48'.39 S	115° 18'.67 E
		30° 48'.39 S	115° 15'.29 E
		30° 48'.97 S	115° 14'.25 E
		30° 50'.10 S	115° 13'.84 E
		30° 50'.40 S	115° 13'.32 E
	magenta pecked line between	30° 50'.40 S	115° 13'.32 E
		30° 49'.35 S	115° 07'.70 E
		30° 54'.00 S	114° 56'.00 E
		31° 06'.00 S	115° 04'.00 E
	magenta pecked line between	31° 06'.00 S	115° 07'.28 E
		31° 00'.90 S	115° 15'.00 E
		30° 56'.25 S	115° 17'.15 E
Amend	legend, to <i>MILITARY EXERCISE AREA (see Note)</i>	30° 58'.5 S	115° 07'.0 E
Substitute	<a href="#">accompanying note</a>	30° 20'.0 S	115° 21'.0 E

**Aus 754 [754/2003]**

Insert	magenta pecked line between	30° 59'.43 S	114° 59'.75 E
		31° 07'.43 S	115° 05'.08 E
		31° 00'.83 S	115° 15'.08 E
		30° 59'.43 S	115° 15'.73 E
Substitute	<a href="#">accompanying note</a>	31° 10'.5 S	115° 47'.0 E

**799\* WESTERN AUSTRALIA - Kwinana - Lights.**

List of Lights Vol K/2003 -- 1777.00,1777.10

Fremantle Port Authority Notices 9/2003 &amp; 10/2003 (A65208, A65414 &amp; A65415).

**Aus 117 [755/2003]**

Insert	light, <i>Dir. F. WRG. 12m &amp; Fl. RG. 12m</i>	32° 12'.573 S	115° 46'.088 E
	light, <i>F. Bu. 34m 6M</i>	32° 12'.607 S	115° 46'.210 E
Amend	light characteristic, to <i>F. Bu. 29m 9M</i> legend to <i>105.7°</i>	32° 12'.55 S 32° 12'.18 S	115° 45'.96 E 115° 44'.50 E
Substitute	chimney symbol for light and legend F. G. 43m 9M	32° 12'.63 S	115° 46'.29 E

**AX 70117 [755/2003]**

Insert	light, <i>Dir. F. WRG. 12m &amp; Fl. RG. 12m</i>	32° 12'.573 S	115° 46'.088 E
	light, <i>F. Bu. 34m 6M</i>	32° 12'.607 S	115° 46'.210 E
Amend	light characteristic, to <i>F. Bu. 29m 9M</i> legend to <i>105.7°</i>	32° 12'.55 S 32° 12'.18 S	115° 45'.96 E 115° 44'.50 E
Substitute	chimney symbol for light and legend F. G. 43m 9M	32° 12'.63 S	115° 46'.29 E

*Note:* details have been incorporated in new edition of Aus 114 to be published shortly.

**800\* SOUTH AUSTRALIA - Port Giles - Preferred route; fishing prohibited area.**  
Transport SA (A67927, zA2134 & zA2135).

**Aus 780 [786/2003]**

Insert	fishing prohibited boundary between	34° 59'.48 S	137° 45'.69 E
		35° 01'.00 S	137° 49'.21 E
		35° 01'.10 S	137° 52'.17 E
		34° 59'.60 S	137° 56'.06 E
		35° 00'.59 S	137° 56'.06 E
		35° 02'.09 S	137° 52'.16 E
		35° 01'.91 S	137° 45'.83 E
	preferred route, with legend <i>092° - 272° Preferred Route</i> (see Note), between	35° 01'.43 S	137° 46'.81 E
		35° 01'.58 S	137° 52'.18 E
	preferred route, with legend <i>065° - 245°</i> , between	35° 01'.58 S	137° 52'.18 E
		35° 00'.09 S	137° 56'.06 E
	<a href="#">accompanying note</a>	35° 16'.5 S	138° 39'.7 E

**801\* AUSTRALIA - TASMANIA - Georges Bay - Depth.**  
SMB *Wyatt Earp* (A66239).

**Aus 356 (plan, Georges Bay) [760/2003]**

Delete	legend (E.D.)	41° 19'.93 S	148° 16'.22 E
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**802(T)/2003 AUSTRALIA - NEW SOUTH WALES - Tweed River - Dredging operations complete.**

*Former Notice - 468(T)/2003 is cancelled  
NSW Dept Land & Water Conservation (A68187).*

Cancel this notice on receipt.

**Chart formerly affected – Aus 220 – Aus 813 – Aus 814.**

**803(T)/2003 AUSTRALIA - QUEENSLAND - Moreton Bay - Raby Bay - Rock wall construction complete.**

*Former Notice - 502(T)/2003 is cancelled  
Maritime Safety Queensland Notice 426/2003 (A68405).*

Cancel this notice on receipt.

*Note: chart will be updated by block correction in due course.*

**Chart formerly affected – Aus 236.**

**804(T)/2003 AUSTRALIA - QUEENSLAND - Brisbane River - Boat Passage - Harbour works complete.**

*Former Notice - 663(T)/2003 is cancelled  
Maritime Safety Queensland Notice 419/2003 (A68242).*

Cancel this notice on receipt.

**Chart formerly affected – Aus 237.**

**805(T)/2003 AUSTRALIA - QUEENSLAND - North East Channel - Light buoy off station.**

*Maritime Safety Queensland Notice 417(T)/2003 (A68201).*

Port lateral light buoy *NE 6* (27° 01'.02 S 150° 20'.35 E) is reported 3 nautical miles out of position.

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected – Aus 235 – Aus 236.**

**806(T)/2003 AUSTRALIA - QUEENSLAND - Bundaberg - Long Reach - Cable ferry operations ceased.**

*Former Notice - 472(T)/2003 is cancelled  
Maritime Safety Queensland Notice 412/2003 (A67745).*

Cancel this notice on receipt.

**Chart formerly affected – Aus 242.**

**807(T)/2003 AUSTRALIA - QUEENSLAND - Townsville - Depth information.**

Former Notice - 730(T)/2003 is cancelled

Maritime Safety Queensland Notice 425(T)/2003 (A68397).

Available depths as at 10 November 2003:

	<i>Metres</i>	<i>Remarks</i>
* Sea Channel	11.6	
Platypus Channel	11.7	
Outer Harbour:		
* Arrival Channel	8.2	West of a line from dolphin across end of berth pocket to edge of arrival channel
* Departure Channel	11.7	
Inner Harbour:		
Harbour	11.6	
Berths:		
No 1	12.2	
No 2	12.6	
No 3	12.6	
No 4	10.6	
No 7	11.0	
No 8	10.3	
No 9	11.9	
No 10	9.3	To seaward dolphin
* No 11	11.3	
Between No 7 and No 8	10.2	Seaward of zero mark at No 7 berth
Between No 9 and No 10	9.9	Seaward of zero mark at No 10 berth
Ross River Channel	2.4	
Ross River and Ross Creek	-	No declared depth

\* Indicates new or revised entry.

**Chart temporarily affected – Aus 256 – Aus 257 - AU420146 - AU5\_\_257.****808(P)/2003 AUSTRALIA - QUEENSLAND - Fairway Channel to Lads Passage - Light beacons to be established.**

Former Notice - 771(P)/2003 is cancelled

AMSA ATH's 34 to 51/2003 (fA10622).

Light beacons will be established with temporary lights until April 2004 when permanent lights will be installed in positions (WGS 84) as follows:

<i>Position</i>	<i>Temporary</i>	<i>Permanent</i>	<i>Sector</i>	<i>Remarks</i>
13° 54'.04 S 144° 14'.31 E	<i>Fl(3) G. 6s 20m 3M</i>	<i>Fl. 7.5s 21m 14M</i>		<i>Racon (B)</i>
13° 39'.69 S 144° 06'.00 E	<i>Fl(3) R. 6s 6m 3M</i>	<i>Fl(3) 15s 14m 10M</i>		
13° 26'.21 S 143° 58'.13 E	<i>Fl(3) R. 6s 6m 3M</i>	<i>Fl. 5s 14m 10M</i>	<i>White 345° - 145°</i>	
13° 11'.57 S 143° 47'.55 E	<i>Fl(3) G. 6s 20m 3M</i>	<i>Fl(2) WRG. 8s 21m 14M</i>	<i>White 328° - 332°</i> <i>Red 332° - 350°</i> <i>White 350° - 167°</i> <i>Red 167° - 174°</i> <i>White 174° - 309°</i> <i>Green 309° - 328°</i>	<i>Racon (K)</i>
13° 05'.29 S 143° 44'.99 E	<i>Fl(3) G. 6s 6m 3M</i>	<i>Fl(4) 16s 12m 6M</i>		
12° 59'.70 S 143° 43'.46 E	<i>Fl(3) G. 6s 6m 3M</i>	<i>Fl. WR. 7.5s 12m 10M</i>	<i>Red 342° - 150°</i> <i>White 150° - 342°</i>	
12° 52'.67 S 143° 41'.77 E	<i>Fl(3) R. 6s 20m 3M</i>	<i>Fl(2) WR. 8s 21m 14M</i>	<i>Red 327° - 340°</i> <i>White 340° - 112°</i> <i>Red 112° - 150°</i> <i>White 150° - 327°</i>	
* 12° 52'.30 S 143° 38'.24 E	<i>Fl(3) G. 6s 6m 3M</i>	<i>Fl. G. 2.5s 12m 10M</i>		
12° 51'.16 S 143° 38'.46 E	<i>Fl(3) R. 6s 6m 3M</i>	<i>Iso. 3s 12m 10M</i>		

\*Indicates new or revised position.

**Chart which will be affected – Aus 374 – Aus 375 – Aus 833 – Aus 834 - AU413143 - AU414143 - AU414144.****809(T)/2003 PAPUA NEW GUINEA - Lights.**

NMSAPNG (A68232).

Mariners are advised that lights and light structures in Papua New Guinea waters may or may not be working or in place. Rehabilitation of aids is presently underway.

**810(T)/2003 PAPUA NEW GUINEA – Bright Island to Jomard Island - Lights destroyed.**

Former Notice - 294(T)/2003 is cancelled

List of Lights Vol K/2003 -- 3444.00,3448.00,3449.00,3450.00

NMSAPNG (A68283 & A68295), Navarea X Warnings 15/03, 23/03 & 25/03 (A68281).

The following lights are unlit:

Name	Position	Volume K
Bright Island	10° 32'.0 S 151° 12'.7 E	3444
Strathord Island	10° 13'.3 S 151° 52'.0 E	3448
Lunn Island	10° 47'.2 S 152° 00'.5 E	3449
Jomard Island	11° 15'.5 S 152° 08.1 E	3450

**Chart temporarily affected – Aus 381 – Aus 382 – Aus 383 – Aus 568 – Aus 630 – Aus 4060 – Aus 4604 – Aus 4621.**

**811(T)/2003 AUSTRALIA - NORTHERN TERRITORY - Darwin - Wreck; light buoy.**

Darwin Port Corporation (A68435). Wreck is SV *Booya*

A temporary special spar light buoy, *F(3) Y. 6s*, exists in position 12° 23'.38 S 130° 46'.28 E. The buoy marks a wreck and temporary restricted area radius 150 metre.

**Chart temporarily affected – Aus 26 – Aus 722.**

**812(P)/2003 WESTERN AUSTRALIA - Geraldton - Buoyage.**

Geraldton Port MMI 21596 (A67750 & A68454).

Port lateral light beacons will be established as follows:

28° 45'.433 S 114° 34'.045 E  
28° 45'.181 S 114° 34'.899 E  
28° 45'.105 S 114° 35'.197 E  
28° 45'.140 S 114° 35'.537 E  
28° 45'.284 S 114° 35'.823 E  
28° 45'.552 S 114° 36'.041 E  
28° 45'.822 S 114° 36'.112 E  
28° 46'.063 S 114° 36'.121 E  
28° 46'.271 S 114° 36'.134 E

Starboard lateral light beacons will be established as follows:

28° 45'.538 S 114° 34'.091 E  
28° 45'.289 S 114° 34'.939 E  
28° 45'.243 S 114° 35'.209 E  
28° 45'.276 S 114° 35'.485 E  
28° 45'.395 S 114° 35'.716 E  
28° 45'.616 S 114° 35'.906 E  
28° 45'.830 S 114° 35'.965 E  
28° 46'.063 S 114° 35'.965 E

Port lateral light buoys will be established as follows:

28° 45'.308 S 114° 33'.261 E  
28° 45'.338 S 114° 34'.376 E  
28° 45'.259 S 114° 34'.638 E  
28° 42'.750 S 114° 34'.505 E

Starboard lateral light buoys will be established as follows:

28° 45'.308 S 114° 33'.261 E  
28° 45'.441 S 114° 34'.416 E  
28° 45'.368 S 114° 34'.677 E  
28° 43'.494 S 114° 35'.384 E

Safe water light buoy with racon will be established in position 28° 46'.185 S 114° 31'.723 E.

Safe water light buoy will be established in position 28° 41'.850 S 114° 33'.200 E.

Front leading light for the northern reef shipping channel will be established in position 28° 43'.840 S 114° 36'.040 E.

Note: Notice to Mariners 383(T)/2003 refers.

**Chart which will be affected – Aus 81 – Aus 751.**

**813(T)/2003 WESTERN AUSTRALIA - Geraldton – Dredging completed; prohibited area; precautionary area amended.**

*Former Notice - 853(T)/2002 is cancelled*  
Geraldton Port Authority (A67624).

An area of the main shipping channel and commercial shipping harbour is a prohibited area. Delineation of the prohibited area is marked by a continuous line of floats interconnected by rope as follows:

28° 46'.06 S 114° 35'.96 E  
28° 46'.06 S 114° 36'.12 E  
28° 46'.53 S 114° 36'.14 E

The main and northern reef shipping channels, as well as the ship manoeuvring area off the port are declared precautionary areas.

The limiting markers are not to be made fast to or interfered with in any way.

**Chart temporarily affected – Aus 81 – Aus 751.**

**814(T)/2003 WESTERN AUSTRALIA - Fremantle - Owen Anchorage - Shoaling cleared.**

*Former Notice - 477(T)/2003 is cancelled*  
Fremantle Port Authority (A68280).

Cancel this notice on receipt.

**Chart formerly affected – Aus 117 – AX 70117.**

**815(T)/2003 SOUTH AUSTRALIA - Black Point - Wreck.**

*Former Notice - 86(T)/2003 is cancelled*  
Transport SA Notice 63/2002 (IN/2002/1216 & A68245).

A dangerous wreck, with only the mast visible at high water, exists in position 34° 36'.76 S 137° 53'.85 E.

Mariners are advised to navigate with caution in the vicinity.

**Chart temporarily affected – Aus 139 – Aus 781.**

**816(T)/2003 AUSTRALIA - TASMANIA - Tamar River - Beacon re-established in position.**

*Former Notice - 703(T)/2003 is cancelled*  
Marine and Safety Tasmania Notice M100-03 (A68346).

Cancel this notice on receipt.

**Chart formerly affected – Aus 168.**

**817(T)/2003 AUSTRALIA - VICTORIA - Port Phillip - Port Melbourne and Geelong - Depth information.**

*Former Notice - 673(T)/2003 is cancelled*  
Victorian Notice 53(T)/2003 (A68451).

Available depths as at 12 November 2003:

<i>Berth</i>	<i>Metres</i>
No 4 East Webb Dock	12.1
Yarraville 6	8.1
Swanson Dock East 1E and 4E	12.8
Swanson Dock West 1W	12.9
* Swanson Dock West 2W	12.8
Swanson Dock West 3W	12.8
Bulk Grain Pier 1	9.5
Bulk Grain Pier 2	11.3
Point Wilson Jetty North	8.6

\*Indicates new or revised entry.

**Chart temporarily affected – Aus 154 – Aus 157.**

II

AMENDMENTS TO ADMIRALTY LIST OF LIGHT AND FOG SIGNALS VOLUME K 2003/04

Edition No 24 dated 28 November 2003.

Last Amendment: Edition No 23 dated 14 November 2003

1034	Gosong Mampango	3 34-8 109 10-1	Fl W 5s	13	12	White metal framework tower, red bands 20	Ra refl. Racon. <b>TE 2003</b>
		*					*
1074	-W Mole. Head	6 04-8 106 52-8	Fl G 5s	22	12	△ on green beacon 20	<i>fl 1. Damaged; replaced by unlit green beacon (T) 2003</i>
							*
1642	Browse Island. S end (COM)	14 06-6 123 32-7	Fl(2) W 10s	35	11	White 5 sided GRP tower 11	<i>fl 1. Racon</i>
	*		*		*	*	*
2707-51	-- Refuge Bay	33 36-0 151 15-0	Fl Y 3s	...	...	Raft	<i>fl 1</i>
	*		*			*	*
3458-2	- Sinaui Reef	9 32-0 147 07-8	Fl R	...	4		
	*	*	*	*	*	*	*
3627-6	-- Nutgrove. Sandy Bay Point	42 54-6 147 21-0	F Bu	7	7	Column	Vis 084°-264°(180°)
	----	...	<i>By day F Y</i>				
	*		*				
3719	- Stevens Point. Ldg Lts 311°21'	35 46-5 174 23-0	Dir F WRG	13	W 13 R 12 G 12	Orange □ on metal framework tower 13	Neon □. G 309-6°-311-1°(1-5°), W 311-1°-311-6°(0-5°), R 311-6°-313-1°(1-5°)
	*		*		*		*
3719-1	<i>Remove from List</i>						
3736-2	- Tryphena Harbour. Tryphena Point (MSA)	36 19-3 175 28-8	Fl(3) W 6s	26	4	White metal column 3	<i>(fl 0-5, ec 1) x 2, fl 0-5, ec 2-5</i>
		*	*				*
4372	Ldg Lts 028°20'. No 32. Front	45 49-3 170 37-9	Q(2) R 4s	3	1	Red □ on red beacon, white Ra refl band	
		*	*				
4372-2	Quarantine Island. Ldg Lts about 44°43'. Front	45 49-4 170 37-9	Fl(2) Y 4s	3	1	White △ on black pile	
			*				
4372-4	UPPER HARBOUR. Ldg Lts 208°20'. No 2A. Front	45 49-8 170 37-5	Fl(2) R 4s	3	1	Red □ on red double pile beacon	
			*				
4662	- Cape Washington	19 06-6 177 57-8	Fl W 5s	63	11	White metal framework tower 8	<i>fl 1. Obscured by land when bearing less than 007°</i>
							*
4663	- Vanuatabu	19 01-6 178 28-8	Fl W 2s	50	15	Metal framework tower	<i>fl 0-1. Vis 215°-055°(200°)</i>
							*
4735	- Yaciwa (Coconut) Island	18 08-1 179 20-9	Fl W 6s	17	9	White round concrete tower 5	
							*

Volume K *continued*

<b>4744</b>	- SAVUSAVU BAY. Lesiaceva Point. Point Reef	16 49-8 179 16-2	Fl W 3s	8	10	White 6-sided concrete tower 9	<i>fl 0-3</i> . Obscured by land when bearing less than 250°	*
<b>4784-63</b>	Cape Dumoulin Northwards. Approaches to Baie de Canala	21 23-5 165 56-6	Q(6)+LFl W 15s	...	...	∇ on black beacon, yellow top		*
<b>4825</b>	Passe de Dumbéa. No	122 21-3 166 15-5	VQ(9) W 10s	5	7	∇ on yellow buoyant beacon, black band	Ra refl	*
<b>4827-5</b>	- Passe de Uitoé	22 10-4 166 06-2	Q(6)+LFl W 15s	5	6	∇ on black buoyant beacon, yellow top		*
<b>4965-861</b>	-Baie de Maraa à la Passe Toapiro	17 44-8 149 34-1	Q R	3	3	Red □ on red beacon 6		*
*	*	*	*	*	*	*		*
<b>4965-862</b>	--W of Pointe Tiamao	17 45-0 149 34-0	Q G	3	3	Green △ on green beacon 5		*
*	*	*	*	*	*	*		*
<b>4965-863</b>	--	17 45-1 149 33-5	Fl R 2-5s	3	3	Red □ on red beacon 4	<i>fl 0-5</i>	*
*	*	*	*	*	*	*		*
<b>4965-864</b>	--	17 45-2 149 33-5	Fl G 2-5s	3	3	Green △ on green beacon 6	<i>fl 0-5</i>	*
*	*	*	*	*	*	*		*
<b>4965-865</b>	-- Pointe Papao	17 45-3 149 33-2	Q R	3	3	Red □ on red beacon 4		*
*	*	*	*	*	*	*		*
<b>4965-866</b>	--	17 45-3 149 33-0	Q G	3	3	Green △ on green beacon 6		*
*	*	*	*	*	*	*		*
<b>4965-867</b>	-- Pointe Nuutere	17 45-3 149 32-5	Fl R 2-5s	3	3	Red □ on red beacon 4	<i>fl 0-5</i>	*
*	*	*	*	*	*	*		*
<b>4965-868</b>	--	17 45-3 149 32-1	Fl G 2-5s	3	3	Green △ on green beacon 4	<i>fl 0-5</i>	*
*	*	*	*	*	*	*		*
<b>4965-869</b>	--	17 45-5 149 31-6	Q G	3	3	Green △ on green beacon 4		*
*	*	*	*	*	*	*		*
<b>4968-91</b>	- Passe Tareu. Ldg Lts 156°54'. Front	17 30-6 149 51-1	Fl R 4s	6	5	White □ on column 7	<i>fl 1</i> . <b>TE 2003</b>	*
<b>4968-92</b>	--- Rear. 200m from front	17 30-7 149 51-0	Fl R 4s	12	5	White □ on column 14	<i>fl 1</i> . Synchronized with front. <b>TE 2003</b>	*

Volume K *continued*

<b>4970-3</b>	--- N side	16 44-6 151 25-2	Iso G 3s	5	5	Green $\triangle$ on green beacon 8	Synchronized with K4970-4. <b>TE 2003</b>	*
<b>4970-5</b>	-- Pointe Tonoi. SSE side	16 44-3 151 25-9	Iso R 3s	5	4	Red $\square$ on red beacon 6	Synchronized with K4970-7. <b>TE 2003</b>	*
<b>4978-6</b>	- Pointe Rauoi	16 34-6 151 30-8	Q W	2	5	$\triangle$ on yellow beacon, black top 4	<b>TE 2003</b>	*
<b>4982</b>	- <b>Pointe Te turi roa</b>	16 32-8 151 47-2	Fl W 5s	13	<b>15</b>	White pylon 13	<b>TE 2003</b>	*
<b>5000-4</b>	- <b>Torea</b>	16 04-2 145 41-8	Fl W 5s	30	<b>19</b>	Red and white column 28	<b>TE 2003</b>	*
<b>5052</b>	-- Fort Collet. Ldg Lts 019-7°. Front	8 54-9 140 05-7	Iso R 2s	34	6	White column, red bands 6		*

### III

#### NAVIGATION WARNINGS

The following radio messages have been received during the period to 14 November 2003. Signal copies of these messages may be destroyed. It is recommended that the reprint of Navigational Warnings should be kept in a file or a book divided into areas. Cancellation should be made on receipt of signals and reprints.

Rigs on location other than those listed in the latest Section III summary are the subject of Radio Navigational Warnings. Rigs in transit will not be the subject of Warnings.

#### AUSCOAST WARNING

- 273 Cancelled.
- 274 Cancelled.
- 275 NW Coast. Seismic survey vessel *Rockwater II* conducting underwater operations at East Spar in position 20° 43'.4 S 114° 59'.0 E. 2.5M clearance requested.
- 276 Cancelled.
- 277 Cancelled.
- 278 Cancelled.
- 279 Cancelled.
- 280 Cancelled.
- 281 Cancelled.
- 282 Cancelled.
- 283 NW Coast. Drill rig *Enasco 56* in position 20° 40'.4 S 115° 35'.1 E. 2.5M clearance requested.
- 284 SE Coast. Seismic survey vessel *Orient Explorer* towing 2.5M cable in area bounded by shoreline to 38° 45' S 141° 15' E and shoreline to 38° 45' S 141° 55' E.
- 285 SE Coast. Pipe laying barge *Semac 1* engaged in underwater operations in vicinity Minerva Wells (38° 42'.8 S 142° 57'.5 E).
- 286 SW Coast. Geraldton unlit temporary fairway buoy (28° 46'.11 S 114° 31'.43E) off station.
- 287 NW Coast. Browse Island light K1642 (14° 06'.2 S 123° 32'.9 E) altered. Characteristics Fl(2)W 10s range 11M on white hexagonal GRP tower 10.8m high.
- 288 NW Coast. Dive support vessel *CSO Venturer II* conducting underwater operations in area bounded by 19° 36' S 116° 04' E to 19° 36' S 116° 14' E and 20° 01' S 116° 25' E to 20° 01' S 116° 35' E.
- 289 SW Coast. Seismic survey vessel *Pacific Sword* towing 1.5M cable in area 28° 25' S to 29° 00' S and 113° 53' E to 114° 28' E. 4M clearance requested.
- 290 NE Coast. 12.4 metre steel hulled FV *Jolga* sunk approximately 2.3M NW Gubbins Reef in vicinity position 15° 41'.4 S 145° 21'.6 E.

#### NAVAREA X WARNINGS

Nil issued.

#### Navigational warnings in force as at 130001UTC NOV 03.

##### Auscoast

159 171 202 211 224 241 250 264 271 275 283 284 285 286 287 288 289 290.

##### Navarea X

005 014 015 022 023 025 026 028 029 030 031 035 036.

#### Summary of mobile drilling rigs as at 130001UTC NOV 03.

Name	Position
Sedco 703	10° 32'.4 S 126° 10'.1 E
Enasco 104	11° 04'.2 S 126° 36'.8 E
Ocean Bounty	13° 51'.8 S 123° 13'.9 E
Enasco 53	19° 47'.9 S 116° 45'.8 E
Enasco 56	20° 40'.4 S 115° 35'.1 E
Ocean Epoch	38° 47'.1 S 142° 42'.0 E

#### NAVAREA XIV WARNINGS

- 109 Cancelled.
- 110 Cancelled.
- 111 South Pacific. 65ft S/V *For Heavens Sake*, one POB, unreported since leaving Panama in February 2003 bound possibly Australia. Reports to US Coastguard RCC Alameda CA Phone 510 437 3701, Telex 230172343.

#### Navarea XIV warnings in force as at 130001UTC NOV 03.

107 108 111.

## IV

## HYDROGRAPHIC REPORTS

<i>Locality</i>	<i>Report</i>	<i>Ship/Authority</i>	<i>Observer</i>
COOK ISLANDS- Rarotonga	Navais	MT <i>Pacific Venture</i>	B Keane

# AMENDMENTS TO ADMIRALTY LIST OF RADIO SIGNALS 2003

Edition No 24 dated 28 November 2003

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## VOLUME 2, NP 282, 2003/04

Published BA Wk 11/03

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(Last Amendments: Edition No 23 dated 14 November 2003)

## RADAR BEACONS

Page 48, **NORWAY** section,

**65060 East Frigg Gas Field UMC Lt Buoy**

Delete station

Total Fina Elf Ad45/03

Page 60, before **NIGERA** section, insert:

### GHANA

**Tema, Main Breakwater Lt Racon** 5°37'·47N 0°01'·14E **73000**  
(3 & 10 cm) 20 n miles **Q**

Ghana Ports & Harbours Authority Ad45/03

Page 68, **SAUDI ARABIA (Persian Gulf Coast)** section,  
insert:

**Jazirat al Jurayd Radar Tower Racon** 27°11'·69N 49°57'·36E **77750**  
**D**

Navarea IX Warning 215/03 Ad44/03

## DIFFERENTIAL GPS (DGPS)

### BEACONS TRANSMITTING DGPS CORRECTIONS

Page 176, after **SWEDEN** section insert:

UKRAINE (Black Sea)									
Yenikal'skiy Lt	45°23'·10N 36°38'·40E	288	200		095	110	Yes	Operational	1 3 5 6 7 9 16 31 32 33 34 35 36 37
Zmeiniy Lt	45°15'·30N 30°12'·30E	294·5	200		085	110	Yes	Operational	1 3 5 6 7 9 16 31 32 33 34 35 36 37

State Hydrographic Institution of Ukraine Ad45/03

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(Last Amendments: Edition No 22 dated 31 October 2003)

**RADIO WEATHER SERVICES AND NAVIGATIONAL WARNINGS**Pages 56 and 57, **AUSTRALIA, Torres Strait Tide Gauges**, delete station and replace by:**Torres Strait Tide Gauges**

(1) Transmitting tide gauges are located in the Torres Strait region as listed below:

Tide Gauge	Position	Identification	Broadcast Sequence
Booby Island	10°36'·3S 141°54'·5E	BB	T+10
Goods Island	10°33'·9S 142°08'·7E	GD	T+50
Turtle Head	10°31'·3S 142°12'·7E	TH	T+90
Nardana Tide	10°30'·0S 142°14'·8E	NT	T+130 (to be confirmed)
Nardana Streams		NS	T+170 (to be confirmed)
Ince Point	10°30'·9S 142°18'·2E	IP	T+230 (to be confirmed)

- (2) All stations broadcast on VHF Ch 68 (H24). The tide heights are broadcast in the following sequence Booby Island, Goods Island, Turtle Head, Nardana Patches and Ince Point. The tide height is preceded by the station identification, which is broadcast as morse code. Nardana Patches also broadcasts tidal stream information.
- (3) The tide height is transmitted as groups of pseudo morse 'dots', the number of dots in groups indicating respectively metres and tenths of metres of tide height above chart datum. A zero is indicated by a 'dash' and negative heights indicated by a preceding 1.5 second warbling tone.
- (4) The station identification and tide height broadcast is repeated during each cycle. A complete cycle of tidal information from all the tide gauges takes 4 minutes.
- (5) All broadcasts are made from a radio transmitter at Hammond Hill (0.5 miles southeast of Turtle Head Lighthouse). The nominal range is 24 miles. Where line of sight to Hammond Hill is obscured reception may be lost.
- (6) Tide height information is also available by a telephone answering machine which can be accessed by dialling 07 40692821. The telephone answering service disconnects the caller 4 minutes after connection.
- (7) Examples of the format of the tide height broadcasts are as follows:

Annual Australian Notices to Mariners 2003 Ad45/03

Page 162, **NOUVELLE-CALÉDONIE (France), Nouméa**, delete station and replace by:

<b>Nouméa</b>				
<b>A</b>	2197·5	RT (MF)		
<b>B</b>	4366·7	RT (HF)		
<b>C</b>	6506·4			
<b>D</b>	Ch 23	VHF	Fayaoué / Ouvéa	20°39'S 166°32'E
	Ch 25		Kafeate	21°02'S 164°43'E
	Ch 87		La Roche / Mare	21°28'S 168°02'E
	Ch 24		Mandjelia	20°24'S 164°32'E
	Ch 28 83		Mont Do	21°45'S 166°00'E
	Ch 26		Mou / Lifou	21°06'S 167°24'E
	Ch 23 26		Nouméa	22°16'S 166°28'E
	Ch 25 82		Oungone	22°19'S 166°55'E
NOTE: After announcement on VHF Ch 16				
DIAGRAM: page 163				

(Continued on next page)

Weather Bulletins		Navigational Warnings	
On receipt Every H+03, H+33 On request	Storm warnings in French and in English on request	<b>A:</b> 0705 1905 LT <b>B:</b> 0330 0500 2000 2330 LT <b>C:</b> 0205 2205 LT <b>D:</b> 0415 0730 1930 2230 LT	Navigational warnings for Nouvelle-Calédonie and Vanuata In French and in English on request
0630 0930 1515 1830 LT	Wind forecast for the lagoon, 18 hour forecast for a 300 n mile zone from the coasts of Nouvelle-Calédonie and Vanuatu In French and in English on request		

French Radio List Ad45/03

**VOLUME 5, NP 285, 2003/04**

Published BA Wk 23/03

(Last Amendments: Edition No 23 dated 14 November 2003)

Page 38, **Chapter 3: COMMUNICATIONS SYSTEMS FOR USE IN THE GLOBAL SYSTEM**, POINTS OF CONTACT FOR COSPAS-SARSAT 406 MHz BEACON REGISTRATION table, before Antigua and Barbuda insert:

<b>Angola</b>	Direcção Nacional da Marinha Mercante e Portos Ministério dos Transportes Rua Rainha Ginga 74 4° Andar Luanda Angola	+244 390034		+244 339848
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COSPAS-SARSAT Ad45/03

**Azerbaijan, FACSIMILE** column, insert: +994 12 935339

COSPAS-SARSAT Ad45/03

After Azerbaijan, insert:

<b>Bahamas</b>	4th Terrace Collins Avenue P.O. Box N-48601 Nassau Bahamas	+1 242 3224437		+1 242 3237288
<b>egmoss@pucbahamas.gov.bs</b>				

COSPAS-SARSAT Ad45/03

After Colombia, insert:

<b>Costa Rica</b>	Direction General de Aviation Civil 222-4005 Bélen - Heredia Costa Rica	+506 2313666		+506 2312107
<b>rescate1@racsa.co.cr</b>				

COSPAS-SARSAT Ad45/03

<b>Fiji</b>	Air Safety Department Civil Aviation Authority of Fiji Islands Private Mailbag Nadi Airport Fiji Islands	+679 721555		+679 725125
<b>sao@caaf.org.fj</b>				

COSPAS-SARSAT Ad45/03

After Greenland, insert:

<b>Honduras</b>	Cocena Aeropuerto Toncontin Tegulkalpa APDO No.660 Honduras	+504 2343360		+504 2343500
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COSPAS-SARSAT Ad45/03

Page 40, Hong Kong SAR (China), delete section and replace by:

<b>Hong Kong SAR (China)</b>	Office of the Telecommunications Authority (OFTA) 36/F, Wu Chung House 312 Queen's Road East Wanchai Hong Kong SAR (China)	+852 29616608		+852 28035113
		<b>webmaster@ofta.gov.hk</b>		

COSPAS-SARSAT Ad45/03

Japan, delete section and replace by:

<b>Japan</b>	Mobile Satellite Communications Division Ministry of Public Management Home Affairs Posts and Telecommunications 2-1-2 Kasumigaseki Chiyoda-ku Tōkyō 100-8926 Japan	+81 3 52535816		+81 3 52535903
		<b>sg8@soumu.go.jp</b>		

COSPAS-SARSAT Ad45/03

Liberia, TELEPHONE, TELEX and FACSIMILE columns, delete and replace by:

+1 703 7903434		+1 703 7907955
<b>info@liscr.com</b>		

COSPAS-SARSAT Ad45/03

Page 41, after Marshall Islands insert:

<b>Monaco</b>	Direction du Control des Concessions et des Telecommunication Monaco	+377 93158800		+377 97985657
---------------	--	---------------	--	---------------

COSPAS-SARSAT Ad45/03

Pakistan, Panama and Peru, delete sections and replace by:

<b>Pakistan</b>	Head PAMCC Satellite Research and Development Centre Samsani Road P.O. Punjab University Lahore Pakistan	+92 42 5420517		+92 42 5420756
		<b>sclhr@brain.net.pk</b>		
<b>Panama</b>	Panama Maritime Authority Directorate General of Merchant Marine Radiocommunications Department 50th and 69th Street Plaza Guadalupe Panama City P.O. Box 5245 Panama 5 Panama	+507 2700883 +507 2700166 +507 2700014 (HJ) +507 2700226 (HX)	+379 2718	+507 2702924 +507 2700230 +507 2700716
		<b>telemarit@sinfo.net</b>		
<b>Papua New Guinea</b>	Telecommunications Authority P.O. Box 8444 Boroko NCP Papua New Guinea	+675 3258633		+675 3004829
<b>Peru</b>	Centro de Control de Misiones del Peru Calle Constitucion 15 Callao 1 Peru	+51 1 4200565 +51 1 4291547	+36 26043 PE DICAPI	+51 1 4200644
		<b>pemcc@marina.mil.pe</b>		

COSPAS-SARSAT Ad45/03

Page 42, Russia, Seychelles, Singapore and South Africa, TELEPHONE, TELEX and FACSIMILE columns, delete and replace by:

+7 095 9671836 +7 095 9671865	+64 411197 A MMF SU	+7 095 9671852 +7 095 9671866
<b>blinov@marsat.ru</b>		
+248 382039		+248 225325
<b>telecom@seychelles.net</b>		
+65 63252369 +65 62265539		+65 63252454 +65 62279971
<b>pocc@mpa.gov.sg</b>		
+27 21 7872222		+27 21 7872337
<b>mrccsa@mweb.co.za</b>		

COSPAS-SARSAT Ad45/03

After Spain insert:

<b>S. Vincent and the Grenadines</b>	Maritime Administration Monaco Office 74 Boulevard d'Italie E/F MC-98000 Monaco Monaco Principality	+377 93104450	+42 489171 SVGREG MC	+377 9314499
	<b>monaco@svg-marad.com</b>			

COSPAS-SARSAT Ad45/03

Switzerland, delete section and replace by:

<b>Switzerland</b>	Schweizerisches Seeschiffahrtsamt Nauenstrasse 49 Postfach 4002 Basel Switzerland	+41 61 2709126		+41 61 2709129
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COSPAS-SARSAT Ad45/03

Tunisia and Turkey , delete sections and replace by:

<b>Thailand</b>	Bangkok RCC Department of Aviation Tang Mahamek Sathorn Bangkok Thailand 10120	+662 2860506		+662 2873186
	<b>bkkrc@aviation.go.th</b>			
<b>Tunisia</b>	Aviation Civile Ministere du Transport Cite Montplaisir 1002 Tunis Tunisia	+216 71 787675		+216 71 794227
<b>Turkey</b>	Telecommunications Authority Spectrum Management Department Yesilirmak Sok. N: 16 06430 Demirtepe / Ankara Turkey	+90 312 5505122	+607 44371 TGM TR	+90 312 5505145
	<b>akarakas@tgm.gov.tr</b>			

COSPAS-SARSAT Ad45/03

Page 43, after Vanuatu insert:

<b>Vietnam</b>	Vietnam Maritime Communication and Electronics Company (VISHPEL) NO.02 Nguyen Thuong Hien Street Minh Khai Ward Hong Bang District Hai Phong City Vietnam	+84 31 747062 +84 31 747204		+84 31 842979 +84 31 747204
	<b>vishipel@hn.vnn.vn</b>			

COSPAS-SARSAT Ad45/03

Page 83, **Chapter 9: VHF DSC, LIST OF COAST STATIONS FOR SEA AREA A1, Denmark**, line 17, after Skagen, insert:

Svendborg 55°01'N, 10°37'E 20

Lynby Radio Ad45/03

Page 140, **Chapter 10: MF DSC, LIST OF COAST STATIONS FOR SEA AREA A2, Vietnam**, line 4, Da Nang column (2), delete 005741998 and replace by: 005741999

Line 5, Hai Phong column (2), delete 005741997 and replace by: 005741996

Line 6, Ho Chi Minh-Ville column (2), delete 005741994 and replace by: 005741993

Line 11, Nah Trang column (2), delete 005742002 and replace by: 005742001

Line 13, Vung Tau column (2), delete 005742005 and replace by: 005742004

VISHIPEL Ad45/03

Page 156, **Digital Selective Calling, Limits of Sea Areas Diagrams, Diagram R14-A**, position 20°52'N 106°41'E, Hai Phong, delete, (VHF) 005741997 (MF)

Position 16°04'N 108°13'E, Da Nang, delete, 005741998 (MF) and (VHF)

Position 12°12'N 109°13'E, Nah Trang, delete, (VHF) 005742002 (MF)

Position 10°45'N 106°43'E, Ho Chi Minh-Ville (Saigon), delete, (VHF) 005741994 (MF)

Position 10°19'N 107°04'E, Vung Tau, delete, (VHF) 005742005 (MF)

VISHIPEL Ad45/03

Page 171, **Chapter 11: HF DSC, LIST OF COAST STATIONS FOR SEA AREAS A3 AND A4, Vietnam**, line 1, Da Nang column (2), delete 005741998 and replace by: 005741999

Line 2, Hai Phong column (2), delete 005741997 and replace by: 005741996

Line 3, Ho Chi Minh-Ville column (2), delete 005741994 and replace by: 005741993

VISHIPEL Ad45/03

Page 172, Diagram **Figure 14 - Operational HF DSC Stations with MMSI numbers for Sea Areas A3 and A4**, position 20°52'N 106°41'E, Hai Phong, delete, 005741997 and replace by: 005741996

Position 16°04'N 108°13'E, Da Nang, delete, 005741998 and replace by: 005741999

Position 10°45'N 106°43'E, Ho Chi Minh-Ville, delete, 005741994 and replace by: 005741993

VISHIPEL Ad45/03

**VIETNAM****Da Nang [K]**

TELEPHONE: +84 511 655960 & 650177 16°05'N 108°13'E  
 FAX: +84 511 650177 Diagram X4

**MMSI: 005741999****NAVTEX [K]**

TIME UT(GMT)	WEATHER BULLETINS	NAVIGATIONAL WARNINGS
0140	●	
0540		●
0940		●
1340	●	
1740		●
2140		●

**Hai Phong [W]**

TELEPHONE: +84 31 842066 & 822000 20°43'N 106°44'E  
 FAX: +84 31 842979 Diagram X4  
 TELEX: +805 311282

**MMSI: 005741996****NAVTEX [W]** Frequency: 4209.5 kHz **PLANNED**

TIME UT(GMT)	WEATHER BULLETINS	NAVIGATIONAL WARNINGS
0340	●	
0740		●
1140	●	
1540		●
1940		●
2340		●

**Ho Chi Minh-Ville [X]**

TELEPHONE: +84 8 9402072 & 9404148 10°23'N 107°09'E  
 FAX: +84 8 9404581 Diagram X4  
 TELEX: +805 821659

**MMSI: 005741993****NAVTEX [X]**

TIME UT(GMT)	WEATHER BULLETINS	NAVIGATIONAL WARNINGS
0350	●	
0750		●
1150	●	
1550		●
1950		●
2350		●

VISHIPEL Ad45/03

**BAHRAIN**

See diagram R11-2

<b>National SAR Agency:</b> Directorate of Ports, Ministry of Finance and National Economy <b>Address:</b> P.O. Box15, Manama, Bahrain <b>Tel:</b> +973 725555 <b>Fax:</b> +973 725534			
Bahrain (A9M) maintains a continuous listening watch on international distress frequencies. The Directorate of Ports is responsible for co-ordinating maritime Search and Rescue operations within the Bahraini territorial sea.			
	<b>Telephone +973</b>	<b>Fax +973</b>	<b>Others</b>
RCC BAHRAIN (Port Control Initial Response)	719404 727447	727985	
BAHRAIN (A9M) (Maritime Ops Centre)	883939 883543	242676 687050	<b>Telex</b> +490 8221 BAHRAD BN +490 8202 BTCTLS BN

MENAS Ad45/03

**FINLAND**

See diagram R2

<b>National SAR Agency:</b> Finnish Frontier Guard Headquarters, SAR Branch <b>Address:</b> P.O. Box 3, FIN-00131 Helsinki, Finland <b>Tel:</b> +358 20 4106511 <b>Fax:</b> +358 20 4106726 <b>E-mail:</b> rvle@rvle.rvl.fi www.rvl.fi / www.mrcc.fi / www.coastguard.fi			
The authority responsible for the Maritime Search and Rescue Service in Finland is the Frontier Guard. Organizationally the Search and Rescue Service is identical with the Coast Guard Districts of the Frontier Guard. The top level is formed by the Frontier Guard HQ. The Search and Rescue Service is assisted by a national maritime Search and Rescue committee, a body under the Frontier Guard HQ. MRCC TURKU is the central point of contact in operational maritime Search and Rescue matters. MRCC Turku, MRSC Helsinki and MRSC Vaasa maintain a continuous listening watch on international distress frequencies including DSC VHF Ch 70 and 2187.5 kHz. The call by Radio is "Rescue" Turku, Helsinki or Vaasa.			
	<b>Telephone +358</b>	<b>Fax +358</b>	<b>Others</b>

**Archipelago CG District**

MRCC TURKU	20 41001 20 4107070	2 2500950	<b>Telex</b> +57 62249 MRCC FI <b>Inmarsat C</b> (AOR-E) 423002211 <b>E-mail</b> mrcc@smmv.rvl.fi
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**Gulf of Finland CG District**

MRSC HELSINKI	20 41002 20 4106832	20 4106815	<b>Telex</b> +57 124777 SLMJK FI <b>e-mail</b> mrsc.helsinki@slmv.rvl.fi
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**Gulf of Bothnia CG District**

MRSC VAASA	20 41003 20 4107622	20 4107699	<b>E-mail</b> mrsc.vaasa@plmv.rvl.fi
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Finnish Frontier Guard Ad45/03

MRCC CHENNAI (Madras) CGRHQ (East)	44 25395016 44 25395017	44 25395015 44 25395018	<b>Telex</b> +81 041 6063 MSCG IN <b>Inmarsat C</b> (IOR) 441907510 <b>Inmarsat M</b> (IOR) 641901410 <b>E-mail</b> isareast@md3.vsnl.net.in cgpoorav@md2.vsnl.net.in
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MRCC CHENNAI Ad45/03

MENAS Ad45/03

VIETNAM MRCC (VMRCC)	4 7683049 Ext 152	4 7683048	<b>E-mail</b> vmrcc@fpt.vn
HAI PHONG (MRCC I)	31 822617	31 822944	
DA NANG (MRCC II)	511 892146 511 823172	511 820372	
VUNG TAU (MRCC III)	64 850950 64 510285	64 810353	

VISHIPEL Ad45/03

**VOLUME 6, PART 4, NP 286(4), 2003/04**

Published BA Wk 37/03

(Last Amendments: Edition No 23 dated 14 November 2003)

Page 92, **CHINA, NINGBO (Including BEILUN)**

After header, insert:

SEE NINGBO VTS DIAGRAM WITHIN TEXT

Ad44/03

Insert diagram on page 27

Ad44/03

Delete **Vessel Traffic Service** section and replace by:**Vessel Traffic Service**

DESCRIPTION: Ningbo VTS Centre controls vessel traffic and provides weather information and a consulting service within the Ningbo VTS Area. Traffic information, navigational assistance and navigation warnings are available on request.

AREA: The Ningbo VTS Area comprises of the following:

- (1) The water area S of the line between Dapengshan Lt and Xiepuniuoshan, E of the line between the mouth of Yong Jiang and Changtiao Zui Lt, and W of the line between the SE coast of Jintang Dao and Tuni Haikou Lt.
- (2) The water area along the coast of Daxie Dao.
- (3) The S Channel of Ningbo Port.
- (4) The S and N anchorages and the oil transferring area of Xiazhi.

CALL: Ningbo VTS Centre

LOCATION: VTS Centre: 29°54'30N 121°51'18E

TELEPHONE: +86(0)574 86801547

FAX: +86(0)574 86801546

WEBSITE: www.msa.nb.gov.cn

FREQUENCY: Vessel Calling & Reporting: Ch 06 16  
Broadcasts: Ch 08 20

HOURS: H24

(Continued on next column)

## PROCEDURE:

(1) Reporting lines and points are established as follows:

Designator	Reporting Line or Reporting Point	VHF Channel
L1	Between Taohua Dao Lt and Xiazhi Dao	16
L2	Between Taohua Dao and Shangliuwangchong Dao Lt	16
L3	Between Jintang Dao and Tuni Haikou Lt	06
L4	Between Xiepuniuoshan and Dapengshan Lt	06
L5	Between Yong Jiang Kou N breakwater Lt and Changtiao Zui Lt	06
L6	W from Daxie Dao to No 1 Lt buoy	16
L7	Between Daxie Dao and Chuanbi Dao	06
L8	From Liangmao Shan to the meridian 122°01'4E	06
	Abeam Yangxiaomao Dao Lt (29°54'8N 122°09'0E)	16

(2) Vessels passing through Reporting Lines L1 and L4 should report vessel's name, nationality, draught and movements.

(3) Vessels passing through Reporting Lines L2, L3, L5, L6, L7, L8 and the Reporting Point should report vessel's name and movements.

(4) Vessels should report 15 mins prior to berthing, departing or anchoring, stating the following information:

- (a) Vessel's name
- (b) Time of berthing, departing or anchoring
- (c) Name of berth or anchorage

(5) Pilots onboard should report vessel's movements, time and place of commencement and completion of pilotage, names and code names of pilots.

(6) Vessels should send an operation report at the commencement and completion of operation, stating vessel's name and barge, name of barge cargo and time of commencement and completion of transferring cargo.

(7) Vessels should send an action report at the commencement and completion of any action, stating vessel's name, action, content, scope etc.

(8) Vessels should send an emergency report should a traffic accident, pollution incident, personal injury or breakdown affecting navigational safety occur. The report should include the following:

- (a) Vessel's name
- (b) Nationality
- (c) Time
- (d) Position
- (e) Cause of emergency
- (f) Course
- (g) Details of breakdown

(9) Vessels encountering problems impeding the safety of navigation (floating objects, malfunction of aids to navigation etc) should report their name, position and full details to Ningbo VTS.

Ningbo VTS Website Ad44/03

Page 167, **JAPAN, NANA-O-NAN WAN**

Pilots and Port, PROCEDURE, delete section (4) (b) and replace by:

(b) 37°07'40N 137°05'80E

(Previous amendment Ad42/03)

Japanese Notice 1520/40/2003 Ad45/03



0859N/124°E

Delete **Pilots and Port** and **Vessel Traffic Management System** sections and replace by:

**Pilots and Port**

CALL: Keelung Port Radio

TELEPHONE: Pilots: +886(0)2 24228223, 24228224 & 24228225  
Harbour Bureau: +886(0)2 24236911

FAX: Pilots: +886(0)2 24272326  
Harbour Bureau: +886(0)2 24284811

WEBSITE: www.klhb.gov.tw

FREQUENCY: Distress & Safety: Ch 16  
Pilots: Ch 12  
Port: Ch 14  
Tugs: Ch 10

HOURS: H24

PROCEDURE:

(1) Pilotage is compulsory for foreign vessels over 500 GT and Taiwanese vessels over 1000 GT.

(2) Pilotage should be requested via agent or owners.

(3) Vessels should contact pilots on VHF Ch 12 or by telephone when 10 n miles from the pilot boarding position.

(4) Departing vessels should request pilot 2h prior to departure.

(5) Pilot boards in the following positions:

(a) Chi-lung (Keelung):

(i) 1.5 n miles NNW of the outer breakwater

(ii) Dangerous Cargo: 2 n miles NNW of the outer breakwater

(b) Shen-ao Oil Terminal: about 1 n mile from Shen-ao Wan

NOTE: Provides pilotage for SHA-LUNG.

DESCRIPTION: The VTMS provides information relating to the safe navigation of vessels within 20 n miles of the port.

CALL: Keelung Port Radio

TELEPHONE: +886(0)2 24627031

FAX: +886(0)2 24627131

FREQUENCY: Distress & Safety: Ch 16  
Port Traffic Service & Vessel Reporting: Ch 14  
Backup: Ch 12

HOURS: H24

PROCEDURE:

(1) The following vessels must report to Keelung Port Radio on VHF Ch 14 when operating within a 20 n mile radius of the port:

- (a) Power driven vessels of 500 GT and over
- (b) Power driven vessels of 50m LOA and over
- (c) Towing or pushing vessels of 500 GT and over or 50m LOA and over
- (d) All passenger vessels regardless of GT or LOA

(2) Participating vessels must report as follows:

When Required	Content of Report
When 20 n miles from Port Outer Breakwater	(a) Vessel's name, call sign and time passing through 20 n mile range (b) Position of reporting point (c) Course and speed (d) General description of any dangerous cargo on board (e) ETA at pilot boarding ground
When 5 n miles from Port Outer Breakwater	(a) Vessel's name, call sign and time passing through 5 n mile range (b) Position of reporting point (c) Ready to enter the port or anchorage
When entering or departing port	
When anchoring or weighing up	
When embarking or disembarking pilot	
When shifting to new mooring or berthing position	
In case of incident of emergency	

(3) Anchoring vessels must also report to Keelung Port Radio on VHF Ch 14 as follows:

- (a) 1h prior to entering anchorage for anchoring
- (b) 10 mins after dropping anchor and 10 mins before heaving up

(4) All vessels navigating within 20 n miles of the port shall maintain a continuous listening watch on VHF Ch 14.

## AMENDMENTS TO ADMIRALTY SAILING DIRECTIONS 2003

## NP 14 Australia Pilot Volume II (2001 Edition)

131

**Tasmania, East Coast – Hobart – Leading light amended**

*After Paragraph 5.45 2 line 6 Insert:*

Hin Mu Sang Light (7°47'·9N, 98°37'·8E) (5.76).

242

Paragraph 9.129 1 lines 3-4 *Replace by:*

133

...under Tasman Bridge is marked by a combined direction light and pair of leading...

*After Paragraph 5.63 1 line 3 Insert:*

Hin Mu Sang Light (7°47'·9N, 98°37'·8E) (5.76).

Paragraph 9.129 2 lines 1-4 *Delete*

Paragraph 9.129 3 line 3 *Replace by:*

134

...Point Light (column) (42°54'·6S, 147°21'·0E) bearing 174°, astern, and the...

*After Paragraph 5.76 Insert:*

Hin Mu Sang Light (black metal post, red bands; 2 m in height) (7°47'·9N, 98°37'·8E)

Australian Notice 20/657/03 [Ad44/03]

Paragraph 5.77 2 lines 2-4 *Replace by:*

NNW of Hin Mu Sang (13 miles E), a steep-to rocky islet on which stands a light (5.76). A rock with a depth of 1·5 m over it lies 5 cables N. Thence:

**NP44 Malacca Strait and West Coast of Sumatera Pilot (2003 Edition)**

**Sumatera, North Coast — Moored storage tanker**

57

137

Paragraph 2.38 1 lines 5-6 Including existing Section IV Notice Week 31/03 *Replace by:*

*After Paragraph 5.109 1 line 2 Add:*

Hin Mu Sang Light (7°47'·9N, 98°37'·8E) (5.76).

**Storage tanker**, FPSO *Langsa Venture* is moored in position 5°18'·9N, 98°02'·8E.

Paragraph 5.110 1 lines 3-5 *Replace by:*

...from the N extremity of Ko Phiphi Don (7°47'·1N, 98°45'·5E));  
E of Ko Ngang (16¼ miles NNW), thence:

58

Paragraph 2.44 1 line 6 Including existing Section IV Notice Week 31/03 *Replace by:*

Paragraph 5.110 2 lines 2-4 *Replace by:*

Clear of FPSO *Langsa Venture* (5°18'·9N, 98°02'·8E) from which a light is exhibited; see also 1.10. Thence:

E of a dangerous wreck (6¾ miles W) lying 1 mile E of Hin Mu Sang (5.77), on which stands a light. A rock with a depth of 1·5 m over it lies 5 cables N of Hin Mu Sang. Thence:

United Kingdom Hydrographic Office [Ad45/03]

Thai Notice 49-52/53/03 [Ad45/03]

**Thailand, West Coast – Phuket approaches – Light**

130

*After Paragraph 5.31 1 line 7 Insert:*

Hin Mu Sang Light (7°47'·9N, 98°37'·8E) (5.76).

NP 62 Pacific Islands Pilot Volume III (1982 Edition) — Supplement 9-2002

Îles de la Société - Tahaa - Baie Tapuamu and Îlot Tautau — Submarine cable and pipelines; restricted area; prohibited anchorage

171

R 39-45 *Replace by:*

**Anchorage.** There is good anchorage in several of the bays in the coast, especially **Baie Vaiorea** (16°36'·1S, 151°32'·5W) on the W side of the island. Vessels can also anchor as convenient in the lagoon between the coastal and barrier reefs.

**Prohibited anchorage.** A submarine power cable, and submarine pipelines carrying water and gas, are laid between Îlot Tautau (16°36'·5S, 151°33'·7W) and Baie Tapuamu, about 1 mile ESE. The cable and pipelines are enclosed within a **restricted area**, shown on the chart, within which anchoring is prohibited.

French Notice 38/77/03

[Ad44/03]

**AMENDMENTS TO ADMIRALTY SAILING DIRECTIONS 2003**  
**(in the area of Australian Charting Responsibility)**

*In force 25 October 2003*

<i>NP No</i>	<i>Page(s)</i>	<i>Title</i>	<i>BA Edition</i>
<b>9</b>	<b>Antarctic</b>		
	79-80	Ile de la Possession – Anchorages	25/01
	80	Ile de la Possession – Anchorage	31/00
	91-92	Iles Kergulen – Directions; anchorages	08/01
	109	South Georgia – Prince Olav Harbour and approaches	15/98
	111	Stromness Harbour – Mooring buoy removed	01/02
	113	South Georgia – Mooring buoy	08/01
	113	Cobblers Cove – Anchorage	24/01
	114	Godthul – Presence of kelp	24/01
	114	Ocean Harbour – Anchorage	24/01
	114	Ocean Harbour – Berth; depth	16/03
	115	South Georgia - Gold Harbour	15/98
	116	Larsen Harbour – Depth; anchorage	13/03
	117	King Haakon Bay – McNish Island	24/01
	120-121	South Sandwich Islands – Zavodski Island and Saunders Island – Depths; anchorage	16/03
	130	South Orkney Islands – Coronation Island – Melsom Rocks Westnothwest – Rock	29/03
	133	South Shetland Islands – Elephant Island – Dangerous rock	21/02
	149	Antarctica Sound – Rock; discoloured water	04/00
	157, 158	Antarctica – Anvers Island – Arthur Harbour – Janus Island Southeastwards – Rock	10/03
	183	Antarctica – Marguerite Bay – Horseshoe Island Westsouthwestwards - Rock	08/03
	208	Australian Antarctic Territory – Cape de la Motte – Shoal depths	10/03
	225, 230	Antarctica – Refuge huts	39/02
	230	Antarctica – Refuge hut removed	20/01
	233	Antarctica – Protected areas	18/99
	233, 235, 239	Antarctica – Protected areas	42/98
<b>13</b>	<b>Australia I</b>		
	5-6	Australia – Radio pratique	10/02
	50	King George Sound – Seal Island – Dangerous wreck	06/02
	56	Australia, South Coast – Mary Ann Haven – Hopetoun – Leading lights	02/03
	93	Franklin Harbour – Leading lights altered	37/01
	103	Australia, South Coast – Spencer Gulf – Port Bonython – Restricted Area	42/03
	114, 120	Australia, South Coast – Backstairs Passage – Yatala Shoal – Sector light	10/03
	122	Gulf Saint Vincent – Rapid Head Northwards – Wreck	13/03
	123	Gulf Saint Vincent – Yankalilla Bay – Wirrina Cove – Marina	14/03
	129	Gulf Saint Vincent – Port Adelaide – Depth	27/03
<b>14</b>	<b>Australia II</b>		
	7-8	Australia – Radio pratique	22/02
	105-106	Port Phillip – Entrance channels – Directions	29/02
	258	Tasmania, East Coast – Spring Bay – Restricted area	32/03
<b>15</b>	<b>Australia III</b>		
	3, 374	Torres Strait and Great North East Channel – Pilotage	12/03
	78	Great Barrier Reef – Ashmore Reef – Anchorage	17/03
	116-117	Australia, East Coast – Clarence River and Port of Yamba – Depths; directions	31/03
	275	Port of Cairns – Pilot boarding position	13/03
	284	Australia, East Coast – Port of Cooktown – Leading line deleted	41/03
	368-369	Papua New Guinea – Umuda Floating Terminal	11/03

<i>NP No</i>	<i>Page(s)</i>	<i>Title</i>	<i>BA Edition</i>
<b>17</b>	<b>Australia V</b>		
	8	Australia – Radio pratique	10/02
	54, 76	Australia, Northern Territory – Gulf of Carpentaria – Preferred route	38/03
	88	Australia, Northern Territory – Recommended track revoked	38/03
	107	Timor Sea – Sahul Banks – Depth; Gas field	06/03
	107	Timor Sea – Sahul Banks – FSO; pilotage	14/03
	110-112	Timor Sea – Melville Island to Ashmore Reef and Bassett Smith Shoal – Preferred routes	41/03
	111, 152	Australia, Northern Territory – Depth; recommended tracks	33/03
	112	Timor Sea – Cartier Islet – Prohibited area	33/03
	130-131	Cambridge Gulf – Wyndham approaches – Hay Point – Leading lights	37/03
	131	Cambridge Gulf – Wyndham approaches – Patch Point – Leading lights	40/03
	184	Port Hedland – Pilotage	10/02
	189	Australia, West Coast – Wanaea and Legendre Marine Terminals – Pilotage	14/03
	192	Port Walcott – Pilot boarding position	37/02
	200	Flying Foam Passage – Rock	34/03
	205	Varanus Island Oil Terminal – Depth	34/02
	207	Barrow Island Westsouthwestward – FPSO	01/03
	211	Onslow – Jetty; directions	06/02
	217-218	Australia, West Coast – Exmouth Gulf – Berth discontinued	27/03
	250	Western Australia – Fremantle – Inwards reporting	42/02
	260-261	Australia, West Coast – Cockburn Sound – Jervoise Bay – Port developments; directions	41/02
<b>33</b>	<b>Philippine Islands</b>		
	6, 98	Sabah – Marine parks	06/03
	75-76	Puerto Princesa - Pilot boarding position; Quarantine anchorage	16/00
	115	Ligitan Channel and Ligitan Group – Depths	23/00
	119	Hand Rock – Depths	23/00
	148	Dapitan Bay – Pilot boarding point	47/00
	176	Batangas – Anchorages; fairway	16/00
	205	Bacolod – Anchorages; pilot boarding point	20/00
	263	Inamucan Bay – Pilot boarding point	47/00
	266	Port Ozamiz – Pilotage	47/00
	318	Surigao Strait – Local magnetic anomaly	23/00
<b>34</b>	<b>Indonesia II</b>		
	433	Java Sea – Mine risk	34/03
<b>35</b>	<b>Indonesia III</b>		
	2	Archipelagic Sea Lanes (ASLs)	09/03
	2, 256	Archipelagic Sea Lanes (ASLs)	12/03
<b>36</b>	<b>Indonesia I</b>		
	4	Archipelagic Sea Lanes (ASLs)	09/03
	4, 233	Archipelagic Sea Lanes (ASLs)	12/03
	58	Jawa, West Coast – Port of Cigading – Directions; leading lights	43/03
	131	Sumatera, East Coast – Selat Bangka to Selat Berhala – Wrecks	44/02
	223	Java Sea and Selat Sunda – Mine risk	34/03
<b>39</b>	<b>South Indian Ocean</b>		
	240-241, 243	Victoria and approaches – VTS; anchorages; oil terminal	45/01
<b>44</b>	<b>Malacca Strait and West Coast of Sumatera</b>		
	57-58	Sumatera, North Coast – Moored storage tanker	31/03
	69, 308	Sumatera, North and North Wests Coasts – Prohibited area	34/03
	215-216	Singapore Strait - Selat Phillip – Buoyage	31/03
<b>51</b>	<b>New Zealand</b>		
	64-65	Manukau Harbour approaches – South Western Shoals and Middle Deep	16/03
	84-85, 87	Wanganui – Light discontinued	39/03
	270-271	Poverty Bay – Gisborne – Anchorage discontinued	26/03
	278	Napier – Lights in line	40/03
	296, 298	Timaru Harbour approaches – Pilot boarding place	25/03
	304	Otago Harbour approaches – Prohibited anchorage	31/03

<i>NP No</i>	<i>Page(s)</i>	<i>Title</i>	<i>BA Edition</i>
<b>60</b>	<b>Pacific Islands I</b>		
	8, 335	Kosare Island – Okat Port	44/01
	59	Soloman Islands – Guadalcanal south coast – Hostile actions	23-24/02
	77	Lengo and Sealark Channels – Depth	37/01
	77-78	East approaches to Honiara – Wreck	27/01
	77	Sealark Reef – Wreck	30/01
	79	Honiara and Lungga Roads – Wreck	33/01
	118	Soloman Islands – Santa Isabel Island – Durour Ridge westwards – Rock	10/02
	185, 188	Papua New Guinea – Depths	29/01
	228	Soloman Sea – Papua New Guinea – Cape Ward Hunt Southsoutheastwards – Raymonde Shoal – Light–buoy withdrawn	11/03
	387	United States – Regulated Navigational Areas; Protection of Naval Vessels	38/02
<b>61</b>	<b>Pacific Islands II</b>		
	24, 203	Fiji – Great Astrolabe Reef eastwards – Volcanic activity	01/02
	74	Nouvelle-Calédonie – Approaches to Nouméa – Île Ouen Westwards – Taréti – Light-buoy	39/02
	99	Nouvelle-Calédonie – Passe de Poum – Leading line	08/02
	137	Vanuatu – Anelghowhat Bay – Shoal	02/03
	316	Fiji Islands – Viti Levu northwestwards – Balmoral Reef Southwestwards – Shoal depth	33/01
	345	Tonga – Vava’u Group northwestwards – Volcanic activity	08/02
	359	American Samoa – Manua Islands Southeastwards – Volcanic activity	39/02
	402	Butaritari Atoll – Directions	48/01
<b>62</b>	<b>Pacific Islands III</b>		
	186-187	Îles Marquises – Nuku-Hiva – Baie de Taiohae – Leading lights; anchorage	25/03
	304	United States – Code of Federal Regulations – Ports and Waterways Safety – General	24/03
<b>100 and 100(M)</b>	<b>The Mariner’s Handbook</b>		
	39, 48	Archipelagic Sea Lanes (ASLs)	26/03
	109-196, 198-199, 201-203, 206	Annex B – The International Regulations for Preventing Collision at Sea (1972) – Amendments in force from 29 November 2003	42/03
<b>136</b>	<b>Ocean Passages for the World</b>		
	v, vi	Contents – Amendments	48/88
	9/10	World Predominant Surface Current Distribution Diagrams	43/88
	Diagram 1.26	Load Line Regulations 1998	16/99
	117-118	Main Route through South China Sea – Amendment	51/01
	119	South China Sea – Recommended routes	51/01

Ad44/03